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REGULATED DC POWER SUPPLY

RPS SERIES

The industry proven **SAMLEX** RPS series is designed to convert source AC voltage into highly regulated DC voltage.

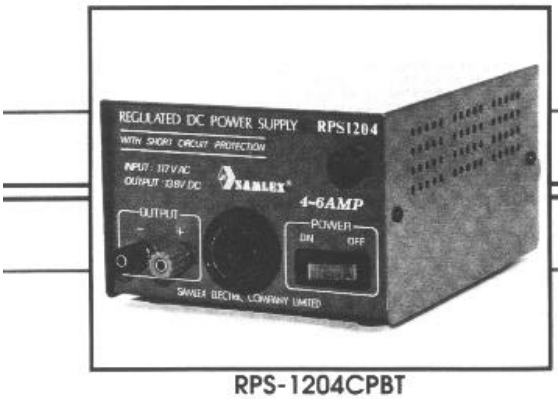
Primary applications for RPS are the private and commercial communications industries.

APPLICATIONS

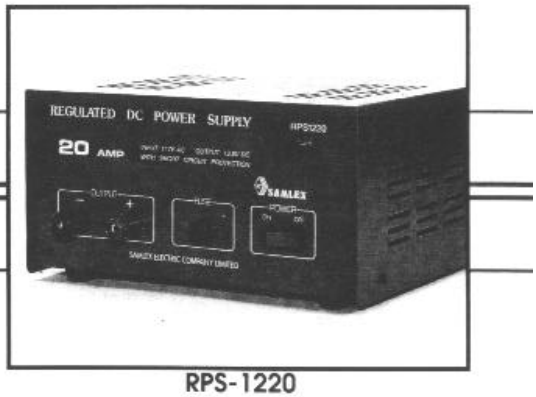
- Base station power supply for CB Radios, Two Way Radio Telephones, Cellular Telephones and other telecommunications equipment
- Auto-sound display
- Test equipment
- Household and portable entertainment equipment and appliances
- Automobile accessories
- Security systems
- Toys and hobbies
- Cooler boxes

DESIGN FEATURES

- Precision regulation of output voltage at high and low loads
- Low peak-peak ripple of less than 10 mv
- Electronically protected for short circuit, overload, over voltage and over current
- Output power rated at continuous service
- High surge capacity
- Metal case
- Binding post output terminals
- External fuse access
- Available in 3 Amps to 50 Amps models



RPS-1204CPBT



RPS-1220

SERIES SPECIFICATIONS

Model Number	Input Voltage	Output Voltage	Output Current		Dimensions H' x W' x D'	Fuse Rating	Shipping Weight Lbs
			Continuous	ICS			
RPS-1203			3 Amps	5 Amps	3.5 x 5.1 x 7.3	1 A	5.3
RPS-1204CPBT			**4 Amps**	**6 Amps**	**3.5 x 5.1 x 7.3**	**1 A**	**5.3**
RPS-1205			5 Amps	7 Amps	4.0 x 5.6 x 8.8	2 A	8.2
RPS-1207	**110-120 VAC**	**13.8 VDC**	**7 Amps**	**10 Amps**	**4.0 x 5.6 x 9.3**	**2 A**	**8.2**
RPS-1215	**60 Hz**	**+/- 0.05 V**	15 Amps	20 Amps	4.8 x 6.2 x 9.1	5 A	18.1
RPS-1220	10-14		**20 Amps**	**25 Amps**	**4.8 x 9.6 x 10.1**	**5 A**	**18.1**
RPS-1250			50 Amps	60 Amps	7.0 x 13.5 x 15.0	15A	45

All with binding post output terminals. RPS-1204CPBT with binding posts and cigar lighter socket

ICS = 50% duty cycle - 5 mins.

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POWER SUPPLY FUSE GUIDE

REGULATED DC POWER SUPPLY		
MODEL	**110V INPUT**	**220V INPUT**
RPS 1203	**1A / 125 VAC**	**1A / 250 VAC**
RPS 1204 CBPT	1A / 125 VAC	1A / 250 VAC
RPS 1205	**2A / 125 VAC**	**1A / 250 VAC**
RPS 1207	2A / 125 VAC	1A / 250 VAC
RPS 1215	**5A / 125 VAC**	**3A / 250 VAC**
RPS 1220	5A / 125 VAC	3A / 250 VAC
RPS 1250	**16A / 125 VAC**	**10A / 250 VAC**
RPS 1203UL	1A / 125 VAC	N/A
RPS 1206UL	**2A / 125 VAC**	**N/A**
RPS 1210UL	3A / 125 VAC	N/A
SEC 6	**1A / 125 VAC**	**1A / 250 VAC**
SEC 11	1A / 125 VAC	1A / 250 VAC
SEC 14	**2A / 125 VAC**	**1A / 250 VAC**
SEC 20	5A / 125 VAC	3A / 250 VAC
SEC 25	**5A / 125 VAC**	**3A / 250 VAC**
APS 1215	5A / 125 VAC	3A / 250 VAC
PSA 305	**4A / 125 VAC**	**3A / 250 VAC**
SPS 1204	1.5A / 125 VAC	1.5A / 250 VAC
SPS 1206	**1.5A / 125 VAC**	**1.5A / 250 VAC**
DC = DC CONVERTERS		
SCP 90	8A / 250 VAC	N/A
SCP 160	**16A / 250 VAC**	**N/A**
AUTOMATIC VOLTAGE REGULATORS		
CVR 300A	8A / 125 VAC	5A / 250 VAC
CVR 500A	**12A / 125 VAC**	**7A/8A / 250 VAC**
* CVR 1000A	20A / 240 VAC	10A / 240 VAC
*** CVR 3000A**	**30A / 240 VAC**	**15A / 250 VAC**
* CVR 5000A	40A / 240 VAC	20A / 240 VAC
DC=AC INVERTERS		
SI 100HP	**15A / 32V DC**	**AUTO SPADE TYPE**
SI 200HP	30A / 32V DC	AUTO SPADE TYPE
PSE 1260A	**25A / 32V DC X 3**	**AUTO SPADE TYPE**
PSE 2460A	15A / 32V DC X 3	AUTO SPADE TYPE
AUTOMATIC BATTERY CHARGERS		
PSE 1208	**10A DC + 2A/250 VAC**	**N/A**
PSE 1212	15A DC + 3A/250 VAC	N/A
SEC 1215	**20A DC + 3A/250 VAC**	
AUTO TRANSFORMERS		
ALL MODELS	NO FUSES	NO FUSES

Note: All fuses rated 125 VAC can be replaced with
fuse rated 250 VAC with same current rating as 125 VAC fuse.

* All with circuit breakers.
Breakers rated 240 VAC can be replaced with
breaker rated 120 VAC with same current rating as 250 VAC breaker.